

Abstract Of The Disclosure

5 The present invention provides a stent comprising a tubular flexible body having a wall with a web structure that is expandable from a contracted delivery configuration to deployed configuration. The web structure comprises a plurality of neighboring, interconnected, web patterns, each web pattern composed of adjoining webs. Each adjoining web comprises a central section interposed between two lateral sections, forming concave or convex configurations. Embodiments of the present invention comprising curvature for tracking tortuous anatomy and reducing localized restoring forces are provided. Methods of using stents in accordance with the present invention are also provided.